

# Wen-Hai Zhang

## List of Publications by Year in descending order

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27  
papers

250  
citations

1307594

7  
h-index

1281871

11  
g-index

27  
all docs

27  
docs citations

27  
times ranked

170  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Planar End-Fire Circularly Polarized Complementary Antenna With Beam in Parallel With Its Plane. IEEE Transactions on Antennas and Propagation, 2016, 64, 1146-1152.	5.1	108
2	Planar Wideband Loop-Dipole Composite Antenna. IEEE Transactions on Antennas and Propagation, 2014, 62, 2275-2279.	5.1	46
3	Planar Endfire Circularly Polarized Antenna for Low Profile Handheld RFID Reader. IEEE Journal of Radio Frequency Identification, 2018, 2, 15-22.	2.3	22
4	Low-Profile Compact Microstrip Magnetic Dipole Antenna With Large Beamwidth and Broad Bandwidth for Vehicular Applications. IEEE Transactions on Vehicular Technology, 2021, 70, 5445-5456.	6.3	15
5	Circularly Polarized Complementary Antenna With Tilted Beam Based on Orthogonal Dipoles. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1406-1410.	4.0	13
6	Low-Profile Broadband Vertically Polarized Microstrip Magnetic Dipole Antenna With Endfire Radiation. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2003-2007.	4.0	10
7	A Planar Bidirectional Circularly Polarized Antenna Using Orthogonal Magnetic Dipoles Without Extra Phase Shift Line. IEEE Transactions on Antennas and Propagation, 2022, 70, 8536-8541.	5.1	8
8	A Linearly Polarized Low-Profile Complementary Antenna With Enhanced Bandwidth and Wide Broadside Beamwidth. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1332-1336.	4.0	6
9	Design of Circularly Polarized Conical RFID Reader Antenna Based on Natural Boundary Conditions. IEEE Journal of Radio Frequency Identification, 2018, 2, 104-110.	2.3	4
10	Generalized RFID control using posture effect on tag detection for vision impaired. , 2015, , .		2
11	Wireless control for Vision Impaired based on posture effect of UHF RFID cane. , 2016, , .		2
12	Wireless Angular Displacement Sensing System Based on Electromagnetic Coupling of UHF RFID Tag Array. , 2019, , .		2
13	Wideband and High Gain Omnidirectional Lens Antenna for 5G mmWave Channel Measurements. , 2019, , .		2
14	High-efficiency Millimeter-wave Wide-Angle Scanning Phased Array Using Metasurface. , 2021, , .		2
15	Cyclic olefin copolymer-based copper clad laminate and the application for low loss broadband baluns. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e22956.	1.2	2
16	Low Profile Vertically Polarized Antenna with Endfire Radiation for 28 GHz Application. , 2020, , .		2
17	A Compact Dual-Polarized Stacked Patch Antenna for 5G Millimeter-Wave Applications. , 2020, , .		2
18	On the measurements of liquid sensing based on UHF RFID. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Tilted bi-sense circularly-polarized antenna and its application for radio frequency identification system. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22198.	1.2	1
20	A compact wideband planar quasi-Yagi antenna. , 2015, , .		0
21	A novel planar end-fire circularly polarized dipole-aperture composite antenna. , 2016, , .		0
22	Horizontally Polarized End-Fire LTCC Antenna with High Gain and Wideband for 5G Mobile Terminal Application. , 2020, , .		0
23	UHF Compact Dual-Band Circularly Polarized Antenna Loaded With Split-Ring Resonators for Satellite Communications. , 2020, , .		0
24	Design and Discussion of Patch Antenna Array at 77 GHz for Vehicle Radar System. , 2021, , .		0
25	Planar Endfire CP Antenna with Enhanced Gain and Beamwidth for RFID Applications. , 2021, , .		0
26	A Novel High-efficiency Slot Antenna Array Using SISL Technology for Millimeter-Wave Application. , 2021, , .		0
27	A Conversionless Angular Displacement Antenna Sensor Node Based on Microstrip Cross-Shaped Matching Network With Rotational Stub for RFID Applications. IEEE Journal of Radio Frequency Identification, 2022, 6, 361-367.	2.3	0